

Today's Date: 2/23/2001

DB Name	<u>Query</u>	Hit Count	Set Name
USPT	113 and 112 and 111 and 110	1	<u>L15</u>
USPT	113 and 112 and 111 and 110 and 19	0	<u>L14</u>
USPT	(((530/399)!.CCLS.))	1088	<u>L13</u>
USPT	(((530/350)!.CCLS.))	5079	<u>L12</u>
USPT	(((536/23.1)!.CCLS.))	4723	<u>L11</u>
USPT	(((435/7.1)!.CCLS.))	2754	<u>L10</u>
USPT	((435/6)!.CCLS.)	7080	<u>L9</u>
USPT	17 and 16	44	<u>L8</u>
USPT	ligand	36643	<u>L7</u>
USPT	15 and 14 and 13 and 12 and 11	52	<u>L6</u>
USPT	protein\$	109660	<u>L5</u>
USPT	prolin\$	15307	<u>L4</u>
USPT	nucleic adj acid	32436	<u>L3</u>
USPT	librar\$	35279	<u>L2</u>
USPT	nuclear adj receptor	407	<u>L1</u>

WEST

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Search Results - Record(s) 1 through 44 of 44 returned.

☐ 1. Document ID: US 6187533 B1

L8: Entry 1 of 44

File: USPT

Feb 13, 2001

US-PAT-NO: 6187533

DOCUMENT-IDENTIFIER: US 6187533 B1

TITLE: Mutations in the diabetes susceptibility genes hepatocyte nuclear

factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha.

Full Title Citation Front Review Classification Date Reference Claims KMC Draw. Desc Image

2. Document ID: US 6183968 B1

L8: Entry 2 of 44

File: USPT

Feb 6, 2001

US-PAT-NO: 6183968

DOCUMENT-IDENTIFIER: US 6183968 B1

TITLE: Composition for the detection of genes encoding receptors and

proteins associated with cell proliferation

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

3. Document ID: US 6171856 B1

L8: Entry 3 of 44

File: USPT

Jan 9, 2001

US-PAT-NO: 6171856

DOCUMENT-IDENTIFIER: US 6171856 B1

TITLE: Methods and compositions relating to no-mediated cytotoxicity

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

4. Document ID: US 6171820 B1

L8: Entry 4 of 44

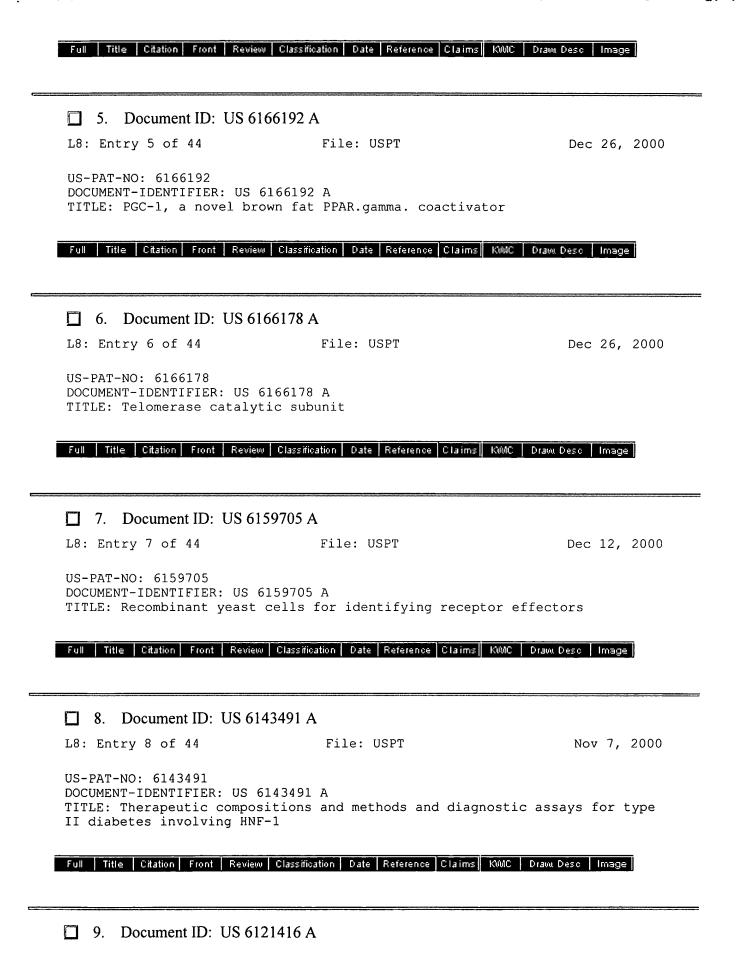
File: USPT

Jan 9, 2001

US-PAT-NO: 6171820

DOCUMENT-IDENTIFIER: US 6171820 B1

TITLE: Saturation mutagenesis in directed evolution



L8: Entry 9 of 44

File: USPT

Sep 19, 2000

US-PAT-NO: 6121416

DOCUMENT-IDENTIFIER: US 6121416 A

TITLE: Insulin-like growth factor agonist molecules

Full Title Citation Front Review Classification Date Reference Claims KWIC Draw Desc Image

☐ 10. Document ID: US 6117638 A

L8: Entry 10 of 44

File: USPT

Sep 12, 2000

US-PAT-NO: 6117638

DOCUMENT-IDENTIFIER: US 6117638 A

TITLE: Methods to screen for transcription factor-coactivator interactions

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

☐ 11. Document ID: US 6107059 A

L8: Entry 11 of 44

File: USPT

Aug 22, 2000

US-PAT-NO: 6107059

DOCUMENT-IDENTIFIER: US 6107059 A

TITLE: Peptide library and screening method

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

☐ 12. Document ID: US 6057109 A

L8: Entry 12 of 44

File: USPT

May 2, 2000

US-PAT-NO: 6057109

DOCUMENT-IDENTIFIER: US 6057109 A

TITLE: Compositions for the treatment of body weight disorders including

obesity

Full Title Citation Front Review Classification Date Reference Claims KWC Draw Desc Image

☐ 13. Document ID: US 6054295 A

L8: Entry 13 of 44

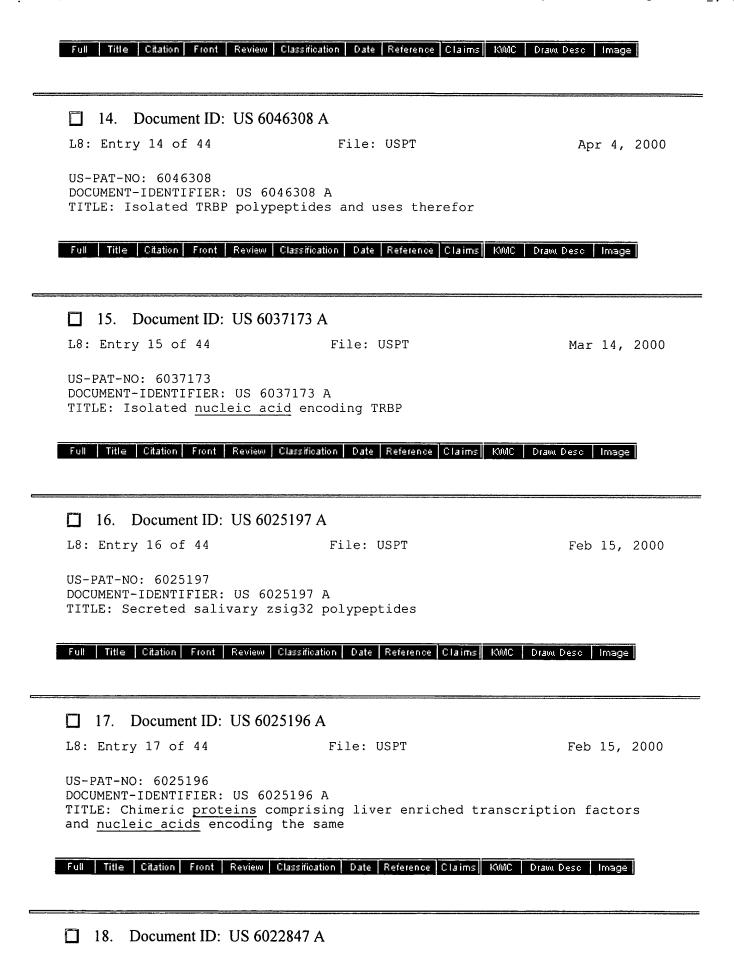
File: USPT

Apr 25, 2000

US-PAT-NO: 6054295

DOCUMENT-IDENTIFIER: US 6054295 A

TITLE: DNA molecules encoding human nuclear receptor proteins



4 of 11 2/23/01 4:00 PM

L8: Entry 18 of 44

File: USPT

Feb 8, 2000

US-PAT-NO: 6022847

DOCUMENT-IDENTIFIER: US 6022847 A

TITLE: Secreted salivary zsig32 polypeptides

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

19. Document ID: US 5972643 A

L8: Entry 19 of 44

File: USPT

Oct 26, 1999

US-PAT-NO: 5972643

DOCUMENT-IDENTIFIER: US 5972643 A

TITLE: Isolated polynucleotide molecules encoding CTCF, a CCCTC-binding

factor

Full Title Citation Front Review Classification Date Reference Claims KWC Draw. Desc Image

☐ 20. Document ID: US 5939322 A

L8: Entry 20 of 44

File: USPT

Aug 17, 1999

US-PAT-NO: 5939322

DOCUMENT-IDENTIFIER: US 5939322 A TITLE: Human steroid receptor

Full Title Citation Front Review Classification Date Reference Claims KWC Draw Desc Image

☐ 21. Document ID: US 5849485 A

L8: Entry 21 of 44

File: USPT

Dec 15, 1998

US-PAT-NO: 5849485

DOCUMENT-IDENTIFIER: US 5849485 A

TITLE: Liver enriched transcription factor

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

22. Document ID: US 5795726 A

L8: Entry 22 of 44

File: USPT

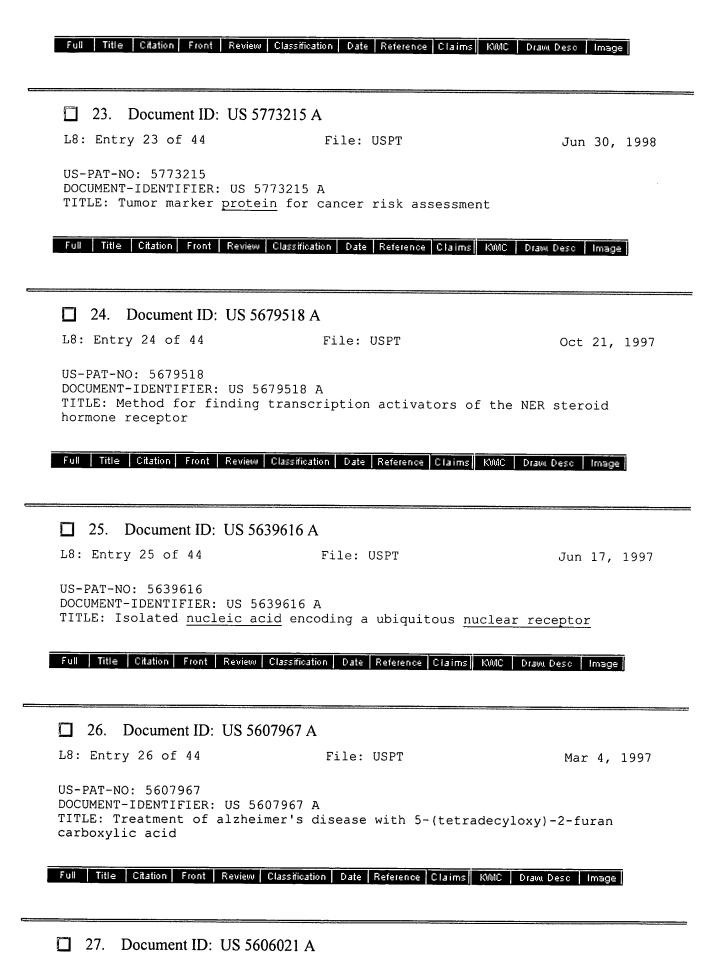
Aug 18, 1998

US-PAT-NO: 5795726

DOCUMENT-IDENTIFIER: US 5795726 A

TITLE: Methods for identifying compounds useful in treating type II

diabetes



L8: Entry 27 of 44

File: USPT

Feb 25, 1997

US-PAT-NO: 5606021

DOCUMENT-IDENTIFIER: US 5606021 A

TITLE: Mineralocorticoid receptor compositions and methods

Full Title Citation Front Review Classification Date Reference Claims KWC Draw Desc Image

☐ 28. Document ID: US 5604115 A

L8: Entry 28 of 44

File: USPT

Feb 18, 1997

US-PAT-NO: 5604115

DOCUMENT-IDENTIFIER: US 5604115 A

TITLE: Liver enriched transcription factor

Full Title Citation Front Review Classification Date Reference Claims KMC Draw. Desc Image

☐ 29. Document ID: US 5597705 A

L8: Entry 29 of 44

File: USPT

Jan 28, 1997

US-PAT-NO: 5597705

DOCUMENT-IDENTIFIER: US 5597705 A

TITLE: DNA encoding thyroid hormone receptor compositions and methods

Full Title Citation Front Review Classification Date Reference Claims KMC Draw, Desc Image

☐ 30. Document ID: US 5571692 A

L8: Entry 30 of 44

File: USPT

Nov 5, 1996

US-PAT-NO: 5571692

DOCUMENT-IDENTIFIER: US 5571692 A

TITLE: Retinoic acid receptor .alpha., vectors and cells comprising the

same DNA encoding

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

☐ 31. Document ID: US 5548063 A

L8: Entry 31 of 44

File: USPT

Aug 20, 1996

US-PAT-NO: 5548063

DOCUMENT-IDENTIFIER: US 5548063 A

TITLE: Retinoic acid receptor alpha proteins



32. Document ID: US 5534418 A

L8: Entry 32 of 44

File: USPT

Jul 9, 1996

US-PAT-NO: 5534418

DOCUMENT-IDENTIFIER: US 5534418 A

TITLE: Controlled expression of recombinant proteins

Full Title Citation Front Review Classification Date Reference Claims KMC Draw. Desc Image

☐ 33. Document ID: US 5530094 A

L8: Entry 33 of 44

File: USPT

Jun 25, 1996

US-PAT-NO: 5530094

DOCUMENT-IDENTIFIER: US 5530094 A TITLE: Gamma retinoic acid receptor

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

34. Document ID: US 5468617 A

L8: Entry 34 of 44

File: USPT

Nov 21, 1995

US-PAT-NO: 5468617

DOCUMENT-IDENTIFIER: US 5468617 A

TITLE: Steroid/thyroid hormone receptor-related gene, which is

inappropriately expressed in human heptocellular carcinoma, and which is a

retinoic acid receptor

Full Title Citation Front Review Classification Date Reference Claims KMC Draw. Desc Image

☐ 35. Document ID: US 5376530 A

L8: Entry 35 of 44

File: USPT

Dec 27, 1994

US-PAT-NO: 5376530

DOCUMENT-IDENTIFIER: US 5376530 A

TITLE: Steroid/thyroid hormone receptor-related gene, which is

inappropriately expressed in human heptocellular carcinoma, and which is a

retinoic acid receptor

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

☐ 36. Document ID: US 5348864 A

L8: Entry 36 of 44

File: USPT

Sep 20, 1994

US-PAT-NO: 5348864

DOCUMENT-IDENTIFIER: US 5348864 A

TITLE: Mouse vav proto-oncogene DNA and protein sequences

Full Title Citation Front Review Classification Date Reference Claims KMC Draw. Desc Image

☐ 37. Document ID: US 5317090 A

L8: Entry 37 of 44

File: USPT

May 31, 1994

US-PAT-NO: 5317090

DOCUMENT-IDENTIFIER: US 5317090 A

TITLE: Steroid/thyroid hormone receptor-related gene, which is

inappropriately expressed in human hepatocellular carcinoma, and which is

a retinoic acid receptor

Full Title Citation Front Review Classification Date Reference Claims KWC Draw. Desc Image

☐ 38. Document ID: US 5312732 A

L8: Entry 38 of 44

File: USPT

May 17, 1994

US-PAT-NO: 5312732

DOCUMENT-IDENTIFIER: US 5312732 A

TITLE: Hormone receptor compositions and methods

Full Title Citation Front Review Classification Date Reference Claims KWIC Draw. Desc Image

☐ 39. Document ID: US 5298429 A

L8: Entry 39 of 44

File: USPT

Mar 29, 1994

US-PAT-NO: 5298429

DOCUMENT-IDENTIFIER: US 5298429 A

TITLE: Bioassay for identifying ligands for steroid hormone receptors

Full Title Citation Front Review Classification Date Reference Claims KWC Draw. Desc Image

☐ 40. Document ID: US 5274077 A

L8: Entry 40 of 44

File: USPT

Dec 28, 1993

US-PAT-NO: 5274077

DOCUMENT-IDENTIFIER: US 5274077 A

TITLE: Retinoic acid receptor composition



☐ 41. Document ID: US 5260432 A

L8: Entry 41 of 44

File: USPT

Nov 9, 1993

US-PAT-NO: 5260432

DOCUMENT-IDENTIFIER: US 5260432 A

TITLE: Human gamma retinoic acid receptor DNA

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

☐ 42. Document ID: US 5171671 A

L8: Entry 42 of 44

File: USPT

Dec 15, 1992

US-PAT-NO: 5171671

DOCUMENT-IDENTIFIER: US 5171671 A

TITLE: Retinoic acid receptor composition

Full Title Citation Front Review Classification Date Reference Claims KMC Draw. Desc Image

☐ 43. Document ID: US 5149781 A

L8: Entry 43 of 44

File: USPT

Sep 22, 1992

US-PAT-NO: 5149781

DOCUMENT-IDENTIFIER: US 5149781 A

TITLE: Steroid/thyroid hormone receptor-related gene inappropriately

expressed in human hepatocellular carcinoma

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

44. Document ID: US 5071773 A

L8: Entry 44 of 44

File: USPT

Dec 10, 1991

US-PAT-NO: 5071773

DOCUMENT-IDENTIFIER: US 5071773 A

TITLE: Hormone receptor-related bioassays

Full Title Citation Front Review Classification Date Reference Claims KMC Draw Desc Image

Generate Collection

Terms	Documents
17 and 16	44

Display 44 Documents, starting with Document: 44

Display Format: TI Change Format

WEST

End of Result Set

☐ Generate Collection

L15: Entry 1 of 1

File: USPT

Nov 4, 1997

US-PAT-NO: 5683884

DOCUMENT-IDENTIFIER: US 5683884 A

TITLE: Methods for identifying modulators of human calcitonin mediated

metabolism

DATE-ISSUED: November 4, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Moore; Emma E. Seattle WA N/A N/A Sheppard; Paul O. Redmond WA N/A N/A Kuestner; Rolf E. Bothell WA N/A N/A

ASSIGNEE-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY TYPE CODE ZymoGenetics, Inc. Seattle WA N/A N/A 02

APPL-NO: 8/ 452802

DATE FILED: May 30, 1995

PARENT-CASE:

This application is a divisional of Ser. No. 08/100,887, filed Aug. 2, 1993, now abandoned, which is a continuation-in-part of Ser. No. 07/954,804, filed Sep. 30, 1992 (now abandoned), which are incorporated herein by reference.

INT-CL: [6] G01N 33/53, C12N 15/12, C12N 15/63, C07K 14/72
US-CL-ISSUED: 435/7.1; 435/7.1, 435/7.21, 435/240.1, 435/240.2, 530/350, 530/399, 530/395, 536/23.1, 536/23.5
US-CL-CURRENT: 435/7.1; 435/7.2, 435/7.21, 530/350, 530/395, 530/399, 536/23.1, 536/23.5
FIELD-OF-SEARCH: 435/7.1, 435/7.21, 435/240.1, 435/240.2, 435/325, 530/350,

530/399, 530/395, 536/23.1, 536/23.5

REF-CITED:

U.S. PATENT DOCUMENTS

Search Selected Search ALL

PAT-NO ISSUE-DATE PATENTEE-NAME US-CL

5516651 May 1996 Goldring et al. 435/69.1

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
93/04373	March 1993	WOX	
93/10149	May 1993	WOX	
94/21665	September 1994	WOX	

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Molecular and Cellular Regulation of Calcium and Phosphate Metabolism, p. 67-69
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Ligand-Binding Activity", Nature 354:82-84 (Nov. 9, 1991).
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Parathyroid Hormone-Related Peptide", Science, 254:1024-1026 (Nov. 15, 1991).
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Goldring, "Characterization of a Porcine renal Calcitonin Receptor; Comparison
to Other G Protein-Coupled Receptors", Bone and Mineral, Abst. 81:42 (1992).
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Alternative Second Messenger Pathways When Expressed in BHK Cells", J. Bone
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ART-UNIT: 182

PRIMARY-EXAMINER: Walsh; Stephen ASSISTANT-EXAMINER: Basham; Daryl A.

ATTY-AGENT-FIRM: Townsend and Townsend and Crew

ABSTRACT:

Human calcitonin receptors have been cloned, sequenced and expressed by recombinant means. The receptors and antibodies thereto may be used in screening systems to identify agonists and antagonists of human calcitonin receptors, thereby providing means for treating and preventing abnormal bone resorption, as well as in methods of diagnosis.

8 Claims, 4 Drawing figures